

Navy Drug Screening Laboratory Jacksonville

"Supporting the Fleet"

Commercial: 904-542-7755 / DSN: 942-7755

email: dljax@med.navy.mil



Commanding Officer
CDR Eric Hoffman
PhD MSC USN

Executive Officer
LCDR Matt Jamerson
PhD MSC USN

Technical Director
Jim Evans, PhD

Mission

Provide forensic chemical analysis of urine specimens for controlled substances and illegal drugs as deterrence to decreased warfighter readiness

Navy Program Facts:

ISIC: Commanding Officer, Navy and Marine Corps Public Health Center (NMCPHC)

Navy Drug Screening Laboratories:
Jacksonville, Great Lakes & San Diego

Operational Authority: DoDINST 1010.16, OPNAVINST 5350.4D, MCO P1700.24B, NMCPHC SOP

Laboratory Facts:

Laboratory Capacity: 1.5 million specimens annually

Staff:

- ▶ Four (4) Medical Service Corps Officers (primarily Biochemists)
- ▶ Sixty eight (68) civilian staff members
- ▶ Technical staff certified to conduct drug testing through a rigorous education and training program

Departments: Accessioning, Business Support, Confirmation, Expert Witness / Review, Financial Management, Initial Testing, Quality Assurance, Quality Control, Support Services

Specimen Testing / Reporting:

▶ Specimens are received at NDSL Jacksonville from submitting commands via the US Postal Service, private carrier (FEDEX, DHL, UPS) and walk-ins.

▶ Once received by NDSL Jacksonville, specimens are processed by our Accessioning Department in preparation for testing. Strict chain of custody protocol is observed throughout specimen handling and processing.

▶ Next, specimens are transferred to the Initial Testing Department where they undergo immunoassay testing (qualitative testing). If no drug is detected, the Service Member's specimen is reported as negative. If drug is detected, another sample is poured from the original specimen bottle and tested again by immunoassay (re-screen). If drug is not detected, the specimen is reported negative. If drug is detected again, another sample is poured from the original specimen bottle and sent to the Confirmation Department (quantitative testing).

▶ Specimens sent for confirmation are tested for drug presence and concentration using Gas Chromatography / Mass Spectrometry (GC / MS) technology. If the drug result is equal to or greater than the DoD cutoff, the specimen is reported as positive; otherwise, the specimen is reported negative.

▶ Once results are verified by laboratory certifying officials ensuring all procedures have been followed and the results are accurate, a message is



released to the Service Member's command.

Navy Program Facts:

► All three tests (screen, re-screen and confirmatory) must be positive for the presence of drugs before a positive result is reported.

► All test results are confidential. NO results are given via phone/email.

► Four levels of test review ensure the accuracy and validity of all results reported by the lab. These levels of review are:

- Technician
- Quality Control
- Initial Laboratory Certifying Official (ILCO)
- Final Laboratory Certifying Official (FLCO)

► Test documentation and results are available by official request on command letterhead.

► Technical Experts are available to assist commands, legal community, and service members with questions regarding drugs, drug testing, and test results.

Substances We Test for:

► 100% of all specimens received are tested for the presence of:

- THC (marijuana metabolite)
- Benzoyllecognine (cocaine metabolite)
- Amphetamine & Methamphetamine
- Designer Amphetamines / Ecstasy (MDMA & MDA)
- 6-Acetylmorphine (heroin metabolite)

► 20-50% of all specimens received are tested for the presence of:

- Opiates (Codeine & Morphine)
- Oxycodone & Oxymorphone
- Phencyclidine (PCP)

Contact Information:

Command: (904) 542-7755

Legal (*Document Packages*): ext. 130

Support Services (*Messages*): ext. 132

Command Secretary: ext. 100

FAX: (904) 542-7761

Laboratory Hours:

Laboratory Operating Hours: Monday-Friday 0600-1800H

Specimens Accepted: Monday-Friday 0600-1800H

Administrative Hours: Monday-Friday 0730-1600H

"Navy Drug Screening Laboratory Jacksonville is an expertly-prepared, innovative team of diverse, motivated sailors and civilians who, guided by our core values, demonstrate enthusiasm and pride in everything we do and are squarely focused on mission accomplishment leading to the success of our customer"

Drug Group	Immunoassay Test Target	DoD Limit in urine (ng/mL)	GC / MS Target	DoD URINE CUTOFF (ng/mL)	Detection Window†
Marijuana*	THC cannabinoid metabolites	50	11-nor-Δ-9-THC-carboxylic acid	15	1-3 days after use
Cocaine	BZE (cocaine metabolite)	150	BZE (cocaine metabolite)	100	1-3 days after use
Amphetamines**	Amphetamine	500	D-Amphetamine D-Methamphetamine	100 100	1-3 days after use
Designer amphetamines	MDMA [Ecstasy]	500	MDMA MDA	500 500	1-3 days after use
Opiates**	Morphine	2,000	Morphine Codeine	4,000 2,000	1-3 days after use
Opioids**	Oxycodone	100	Oxycodone Oxymorphone	100 100	1-3 days after use
Heroin	6-AM (heroin metabolite)	10	6-AM (heroin metabolite)	10	1-2 days after use
Phencyclidine	PCP	25	PCP	25	1-3 days after use

† Detection times vary depending on dose, analytical method, drug metabolism, pre-existing medical conditions, fluid intake, and method and frequency of drug intake.

* Passive inhalation of marijuana smoke is very unlikely to produce a positive test result.

** Commands must check Service Member's medical and dental records to see if they have a current prescription for amphetamine or opiate/opioid-containing drugs prior to taking administrative action against the Service Member. Please contact Technical Experts at NDSL Jacksonville for further guidance.